

I claim:

1. An apparatus for grooming ground, comprising:

a frame supported on a set of wheels at a rearward end and having a tongue on a forward end for attachment to a towing vehicle;

a rake bar for raking earth, the rake bar being pivotally mounted below and transverse to the frame between the forward and rearward ends, the rake bar being movable between a ground engaging position and a storage position that is beneath the frame and elevated relative to the ground engaging position; and

a broom bar pivotally mounted to the rearward end of the frame for sweeping the ground, the broom being movable independently of the rake bar between a ground engaging position and a storage position.

2. The apparatus according to claim 1, wherein:

the rake bar is mounted to the frame by a pair of arms, each of the arms having one end mounted to the frame at a pivot point and another end connected to the rake bar, so that rotating the arms about the pivot point moves the rake bar between the ground engaging and storage positions; and the apparatus further comprises:

a latch that extends between the frame and at least one of the arms to retain the rake in the storage position.

3. The apparatus according to claim 1, wherein: the rake bar is mounted to the frame by a arm having one end mounted to the frame at a pivot point and another end connected to

the rake bar, so that rotating the arms about the pivot point moves the rake bar between the ground engaging and storage positions; and wherein

the rake bar is pivotally mounted to the arm to selected various inclinations of the rake bar relative to the ground.

4. The apparatus according to claim 1, wherein the rake bar comprises:

a blade mounting bar; and

a blade having serrations on oppositely facing first and second edges, the blade being selectively mounted on the blade mounting bar with the first edge positioned to engage the ground, and alternately with the second edge positioned to engage the ground.

5. The apparatus according to claim 1, further comprising a plurality of weight plates selectively mounted to the rake bar.

6. The apparatus according to claim 1, wherein:

the broom bar is mounted to an arm that is pivotally mounted to the frame, allowing the arm to rotate the broom above the frame to a storage position; and wherein

the broom bar is pivotally mounted to the arm to allow the broom bar to be positioned at various inclinations relative to the ground while in the ground engaging position.

7. The apparatus according to claim 1, further comprising:

a second rake bar pivotally mounted forward of the first-mentioned rake bar transverse to the frame; the second rake bar being movable relative to the frame independently of the first-

mentioned rake bar between a ground engaging position and a storage position that is beneath the frame and elevated relative to the ground engaging position.

8. An apparatus for grooming ground, comprising:

a frame having a tongue on a forward end for attaching to a towing vehicle, the frame having a longitudinal beam and a transverse beam on a rearward end that is supported by a pair of wheels;

a rake bar for raking the ground;

a pair of rake bar arms mounted to the rake bar and pivotally secured to opposite sides of the longitudinal beam forward of the wheels, so that rotating the rake bar arms about the pivot point swings the rake bar upward from a ground engaging position to a storage position beneath the frame;

a rake bar latch that engages the longitudinal beam and the rake bar arms to lock the rake bar in the storage position;

a broom bar for sweeping the ground; and

a broom bar arm secured to the broom bar and pivotally mounted to the transverse beam about a pivot point for dragging the broom bar behind the wheels while the broom bar is in a ground engaging position, wherein rotating the broom bar arm about the pivot point on the transverse beam places the broom bar in a storage position above the longitudinal beam.

9. The apparatus according to claim 8, wherein the rake bar is pivotally and adjustably mounted to the rake bar arms to select various inclinations of the rake bar relative to the ground while in the ground engaging position.

10. The apparatus according to claim 8, wherein the broom bar is pivotally and adjustably mounted to the broom bar arm to select various inclinations of the broom bar relative to the ground while in the ground engaging position.

11. The apparatus according to claim 8, wherein the rake bar comprises:

a blade mounting bar; and

a blade having serrations on oppositely facing first and second edges, the blade being selectively mounted on the blade mounting bar with the first edge positioned to engage the ground, and alternately with the second edge positioned to engage the ground.

12. The apparatus according to claim 8, further comprising a plurality of weight plates selectively mounted to the rake bar.

13. The apparatus according to claim 8, further comprising:

a second rake bar pivotally mounted forward of the first-mentioned rake bar transverse to the frame, the second rake bar being movable relative to the frame independently of the first-mentioned rake bar between a ground engaging position and a storage position that is beneath the frame and elevated relative to the ground engaging position.

14. The apparatus according to claim 8, further comprising:

a second rake bar pivotally mounted forward of the first-mentioned rake bar transverse to the frame, the second rake bar being movable relative to the frame independently of the first-

mentioned rake bar between a ground engaging position and a storage position that is beneath the frame and elevated relative to the ground engaging position; and wherein

one of the rake bars comprises a blade having a plurality of serrations and the other of the rake bars comprises a plurality of tines.

15. An apparatus for grooming ground, comprising:

a frame having a tongue on a forward end for attaching to a towing vehicle, the frame having a longitudinal beam and a transverse beam on a rearward end that is supported by a pair of wheels;

a rake bar for raking the ground;

a pair of rake bar arms pivotally mounted to the rake bar and pivotally secured to opposite sides of the longitudinal beam forward of the wheels, so that rotating the rake bar arms about the pivot point swings the rake bar upward from a ground engaging position to a storage position beneath the frame;

a rake bar adjustment member between the rake bar arms and the rake bar, that allows the rake bar inclination relative to the rake bar arms to be selected;

a rake bar latch that engages the longitudinal beam and the rake bar arms to lock the rake bar in the storage position;

a broom bar for sweeping the ground;

a broom bar arm pivotally secured to the broom bar and pivotally mounted to the transverse beam about a pivot point for dragging the broom bar behind the wheels while the broom bar is in a ground engaging position, wherein rotating the broom bar arm about the

pivot point on the transverse beam places the broom bar in a storage position above the longitudinal beam; and

a broom bar adjustment member between the broom bar and the broom bar arm, that allows the broom bar inclination relative to the broom bar arm to be selected .

16. The apparatus according to claim 15, further comprising:

a second rake bar pivotally mounted forward of the first-mentioned rake bar transverse to the frame, the second rake bar being movable relative to the frame independently of the first-mentioned rake bar between a ground engaging position and a storage position that is beneath the frame and elevated relative to the ground engaging position.

17. The apparatus according to claim 15, further comprising:

a second rake bar pivotally mounted forward of the first-mentioned rake bar transverse to the frame, the second rake bar being movable relative to the frame independently of the first-mentioned rake bar between a ground engaging position and a storage position that is beneath the frame and elevated relative to the ground engaging position; and wherein

one of the rake bars comprises a blade having a plurality of serrations and the other of the rake bars comprises a plurality of tines.